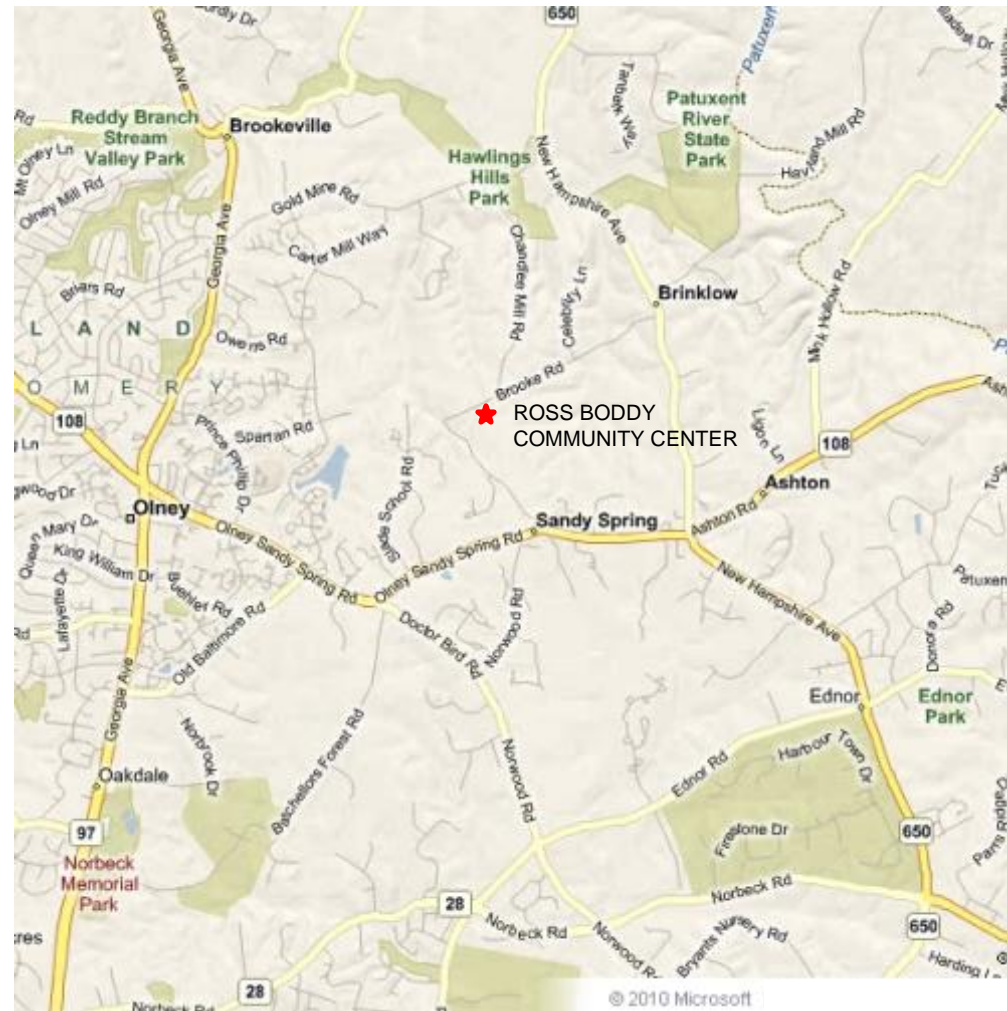


PROPOSED ROSS BODDY COMMUNITY CENTER RENOVATION

SEPTEMBER 6, 2012
COMMUNITY MEETING



Montgomery County
RECREATION
DEPARTMENT



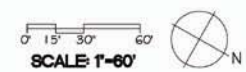
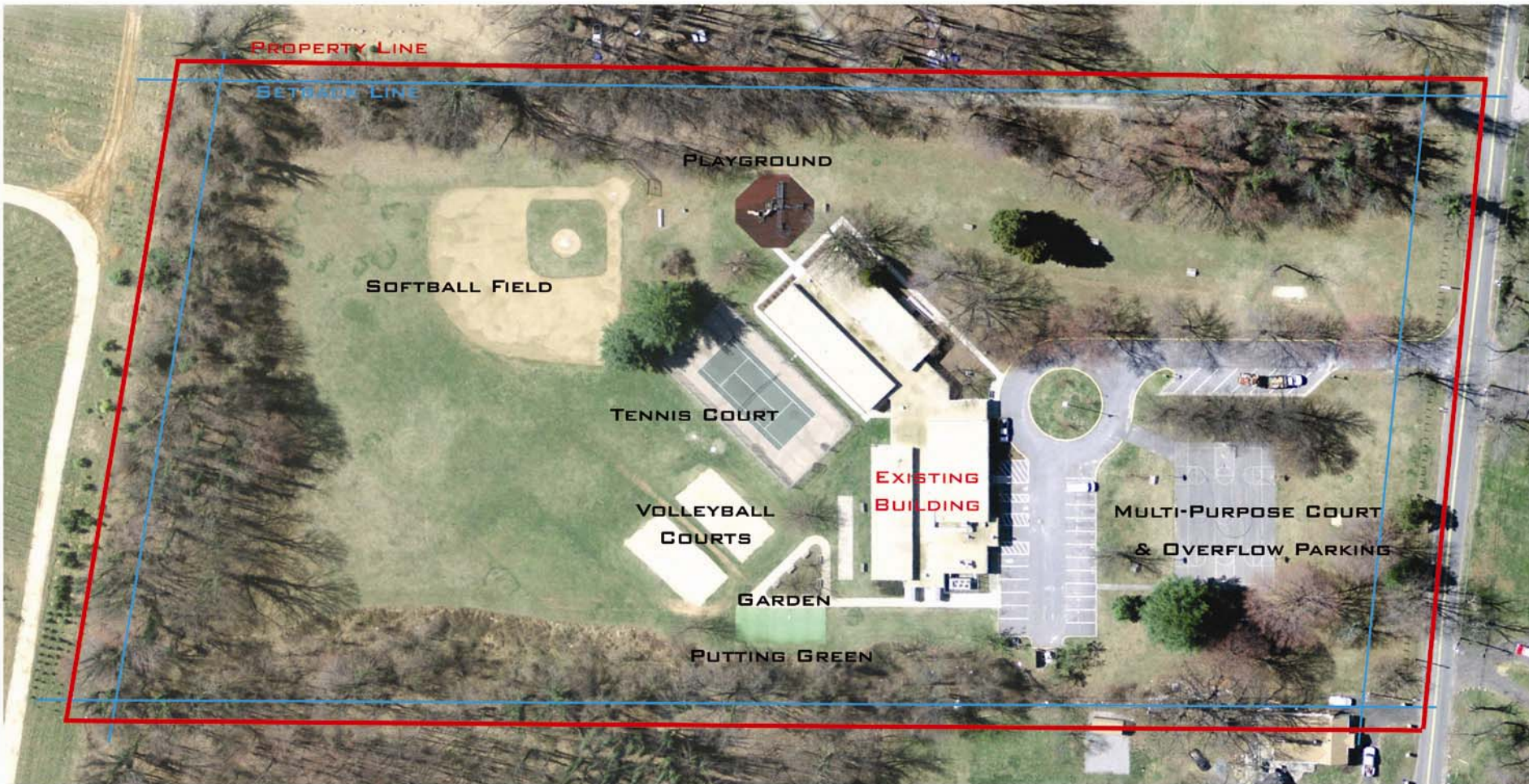


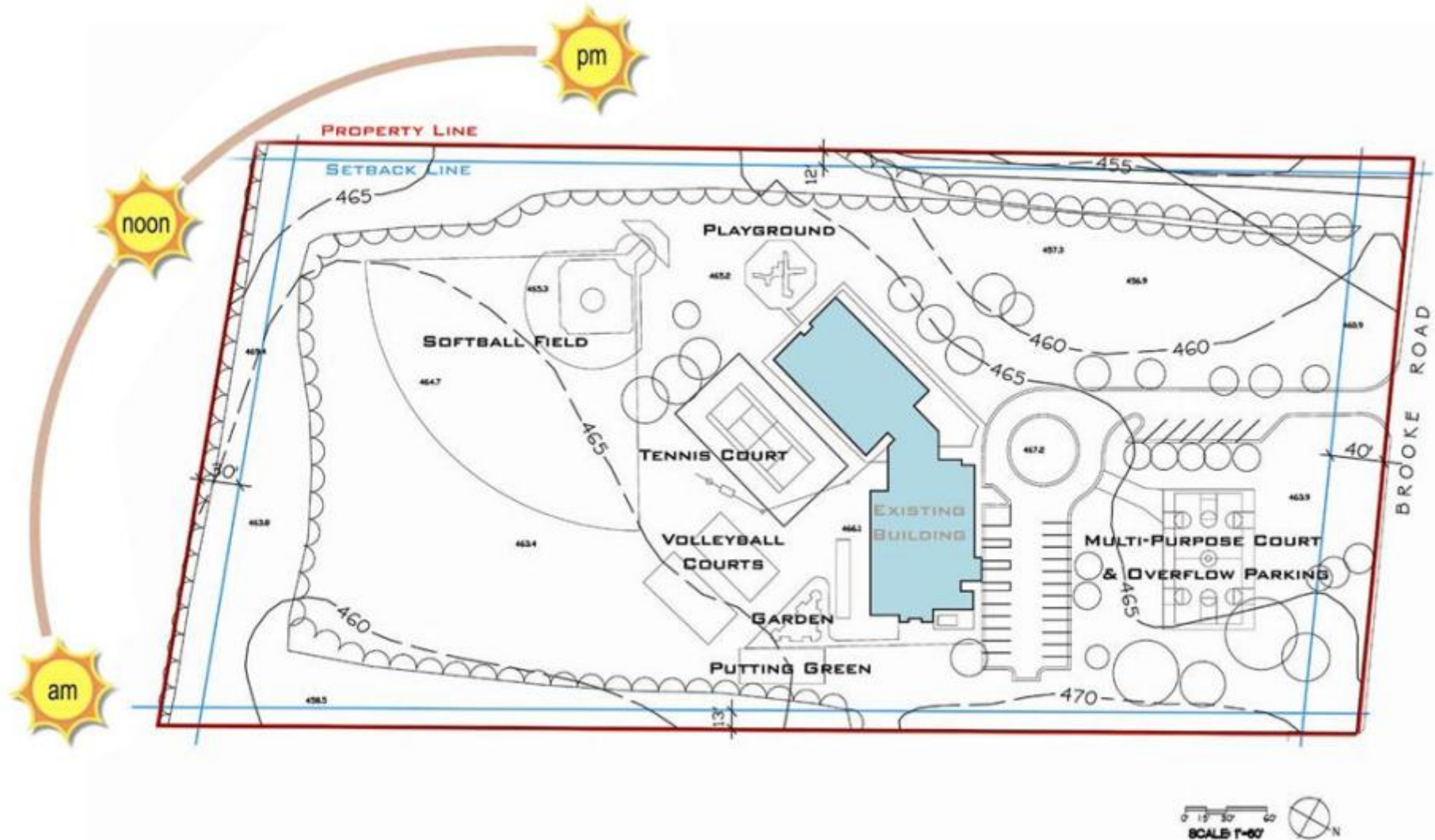
AERIAL VIEWS OF SITE

SEPTEMBER 2012



SITE ANALYSIS





SEPTEMBER 2012



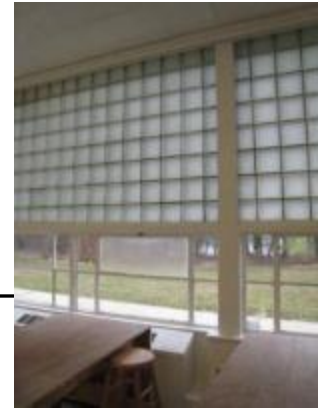


EXISTING FLOOR PLAN

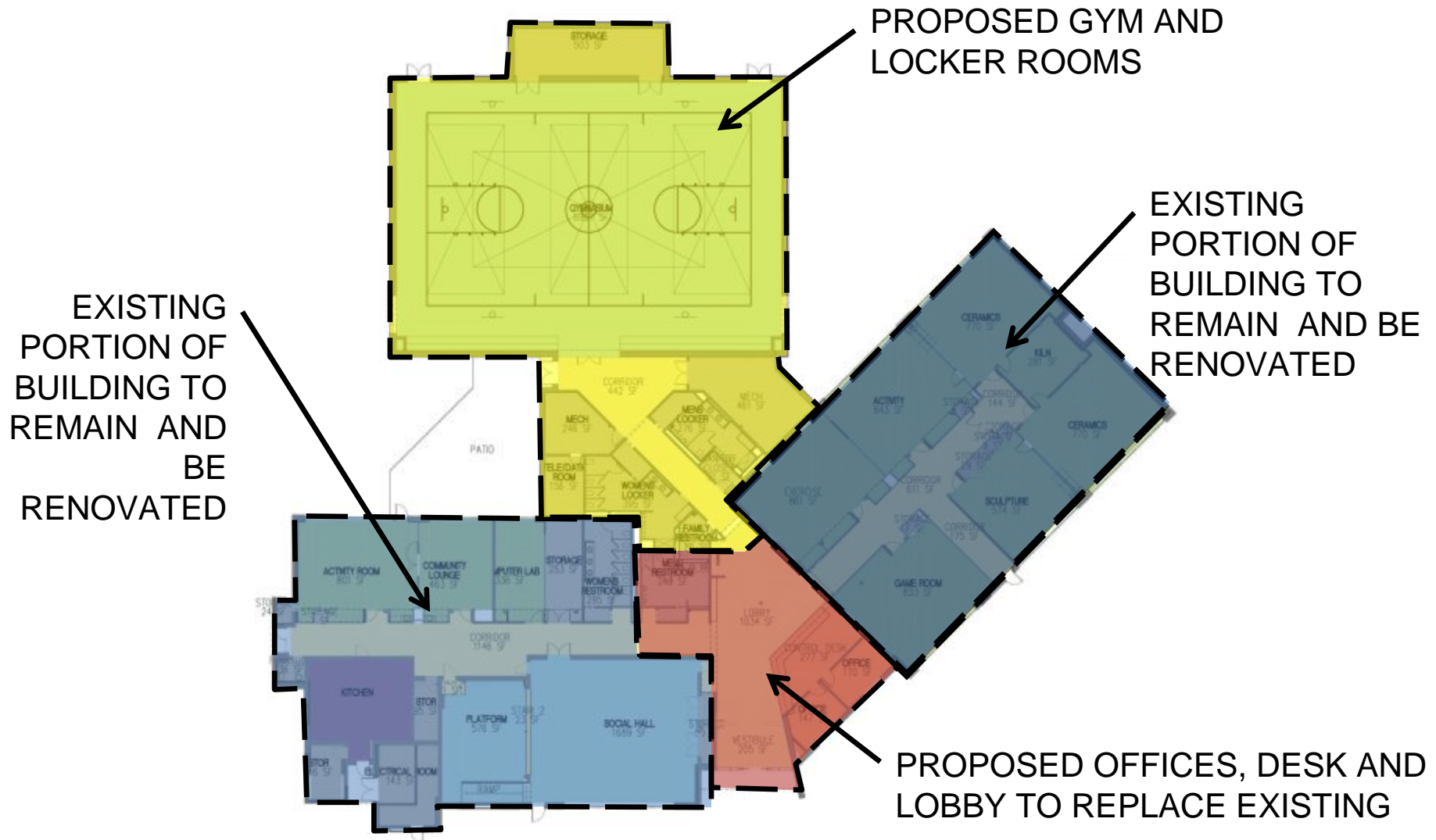
SEPTEMBER 2012



- New Gymnasium and Locker Rooms
- Additional parking spaces and improved parking circulation
- Upgraded site lighting
- New Low-E insulated windows
- New Energy Star roofing
- Accessibility upgrades to meet current codes
- Add insulation to the exterior walls
- New ceilings and energy efficient lighting
- Add a fire suppression system
- Connect to public water and sewer service
- New energy efficient HVAC system
- Upgraded electrical, AV and security systems
- New kitchen equipment
- Achieve LEED Silver Certification











EAST ELEVATION



WEST ELEVATION



NORTH ELEVATION – MAIN ENTRY

LEED Facts

Ross Boddy Community Recreation Center

LEED-NC v2009

- Pervious paving in parking lot
- Light pollution reduction on site
- Energy Star roof system

- Low-flow, sensed plumbing fixtures to conserve water
- Native, drought-resistant plants that require no irrigation

- Priority parking for carpool and hybrid vehicles

- New Energy-efficient, HVAC system
- Tight building envelope, high performance glass

- Recycle construction waste
- Specify local materials, high recycled content

- Specify low-emitting materials
- Large windows for natural daylight and views to exterior

- Building as an Environmental Education Tool
- Consideration for green landscape and pest management

Certified 40-49 points

Silver 50-59 points

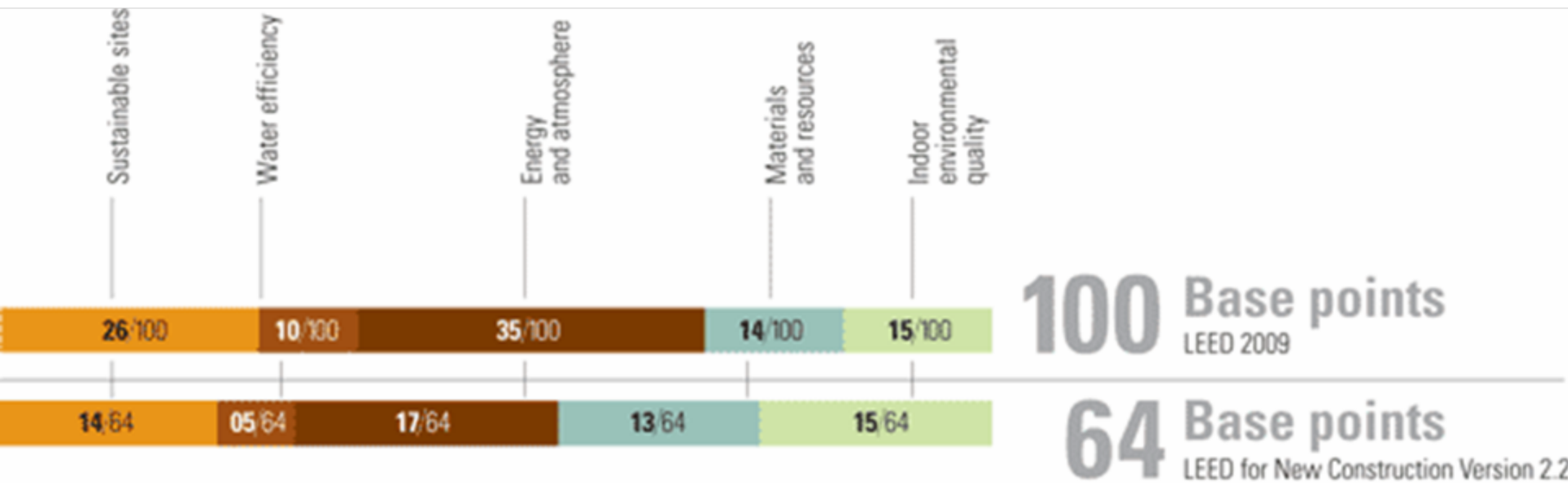
Gold 60-79 points

Platinum 80 or more points



Certification thresholds

	40 CERTIFIED	50 SILVER	60 GOLD	80 PLATINUM	LEED 2009
26 CERTIFIED	33 SILVER	39 GOLD	52 PLATINUM		LEED for New Construction Version 2.2





LEED 2009 for New Construction and Major Renovations

Project Checklist

Ross Boddy Community Recreation Center

05.22.12 SD - Draft

10 4 8 Sustainable Sites Possible Points: 26

Y	I	N	Prereq	Credit	Points
Y			Prereq 1	Construction Activity Pollution Prevention	
1			Credit 1	Site Selection	1
	1		Credit 2	Development Density and Community Connectivity	5
1			Credit 3	Brownfield Redevelopment	1
	6		Credit 4.1	Alternative Transportation—Public Transportation Access	6
1			Credit 4.2	Alternative Transportation—Bicycle Storage and Changing Rooms	1
3			Credit 4.3	Alternative Transportation—Low-Emitting and Fuel-Efficient Vehicles	3
	2		Credit 4.4	Alternative Transportation—Parking Capacity	2
	1		Credit 5.1	Site Development—Protect or Restore Habitat	1
1			Credit 5.2	Site Development—Maximize Open Space	1
1			Credit 6.1	Stormwater Design—Quantity Control	1
1			Credit 6.2	Stormwater Design—Quality Control	1
	1		Credit 7.1	Heat Island Effect—Non-roof	1
1			Credit 7.2	Heat Island Effect—Roof	1
	1		Credit 8	Light Pollution Reduction	1

6 1 3 Water Efficiency Possible Points: 10

Y	I	N	Prereq	Credit	Points
Y			Prereq 1	Water Use Reduction—20% Reduction	
4			Credit 1	Water Efficient Landscaping	2 to 4
	2		Credit 2	Innovative Wastewater Technologies	2
2	1	1	Credit 3	Water Use Reduction	2 to 4

12 7 16 Energy and Atmosphere Possible Points: 35

Y	I	N	Prereq	Credit	Points
Y			Prereq 1	Fundamental Commissioning of Building Energy Systems	
Y			Prereq 2	Minimum Energy Performance	
Y			Prereq 3	Fundamental Refrigerant Management	
8	2	9	Credit 1	Optimize Energy Performance	1 to 19
	7		Credit 2	On-Site Renewable Energy	1 to 7
2			Credit 3	Enhanced Commissioning	2
	2		Credit 4	Enhanced Refrigerant Management	2
	3		Credit 5	Measurement and Verification	3
2			Credit 6	Green Power	2

9 4 Materials and Resources Possible Points: 14

Y	I	N	Prereq	Credit	Points
Y			Prereq 1	Storage and Collection of Recyclables	
2			Credit 1.1	Building Reuse—Maintain Existing Walls, Floors, and Roof	1 to 3
	1		Credit 1.2	Building Reuse—Maintain 50% of Interior Non-Structural Elements	1
2			Credit 2	Construction Waste Management	1 to 2
	2		Credit 3	Materials Reuse	1 to 2

Materials and Resources, Continued

Y	I	N			
2			Credit 4	Recycled Content	1 to 2
2			Credit 5	Regional Materials	1 to 2
		1	Credit 6	Rapidly Renewable Materials	1
1			Credit 7	Certified Wood	1

12 2 1 Indoor Environmental Quality Possible Points: 15

Y	I	N	Prereq	Credit	Points
Y			Prereq 1	Minimum Indoor Air Quality Performance	
Y			Prereq 2	Environmental Tobacco Smoke (ETS) Control	
	1		Credit 1	Outdoor Air Delivery Monitoring	1
	1		Credit 2	Increased Ventilation	1
	1		Credit 3.1	Construction IAQ Management Plan—During Construction	1
	1		Credit 3.2	Construction IAQ Management Plan—Before Occupancy	1
	1		Credit 4.1	Low-Emitting Materials—Adhesives and Sealants	1
	1		Credit 4.2	Low-Emitting Materials—Paints and Coatings	1
	1		Credit 4.3	Low-Emitting Materials—Flooring Systems	1
	1		Credit 4.4	Low-Emitting Materials—Composite Wood and Agrifiber Products	1
	1		Credit 5	Indoor Chemical and Pollutant Source Control	1
	1		Credit 6.1	Controllability of Systems—Lighting	1
	1		Credit 6.2	Controllability of Systems—Thermal Comfort	1
	1		Credit 7.1	Thermal Comfort—Design	1
	1		Credit 7.2	Thermal Comfort—Verification	1
	1		Credit 8.1	Daylight and Views—Daylight	1
	1		Credit 8.2	Daylight and Views—Views	1

4 2 Innovation and Design Process Possible Points: 6

1		Credit 1.1	Innovation in Design: E.P. SSo5.2 Maximize Open Space	1
	1	Credit 1.2	Innovation in Design: E.P. Regional Materials or Recycled Cont.	1
	1	Credit 1.3	Innovation in Design: Building as an Educational Tool	1
	1	Credit 1.4	Innovation in Design: E.P. MRo2 CWM 95%	1
	1	Credit 1.5	Innovation in Design: Low Mercury Lighting	1
	1	Credit 2	LEED Accredited Professional	1

3 1 Regional Priority Credits Possible Points: 4

1			Credit 1.1	SSo6.1: SWM Quantity	1
1			Credit 1.2	MRo1.1 Building Reuse: 55%	1
1			Credit 1.3	MRo2: Recycle/Salvage 50%	1
	1		Credit 1.4	EaO2 (1%) On-Site Renewable Energy, WEo2, WEo3 (40% Reduct.)	1

56 16 33 Total Possible Points: 110

Certified 40 to 49 points Silver 50 to 59 points Gold 60 to 79 points Platinum 80 to 110

Grimm + Parker Architects





PROPOSED FLOOR PLAN

SEPTEMBER 2012

